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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/639,011

08/15/2000

Olof Larsson

AWAPP002

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10/23/2003

EXAMINER

BAYARD, DJENANE M

IP CREATORS

P. O. BOX 2789

CUPERTINO, CA 95015

ART UNIT

PAPER NUMBER

2141

DATE MAILED: 10/23/2003

8

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/639,011

Applicant(s)

LARSSON ET AL.

Examiner

Djenane M Bayard

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 2/17/00.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 February 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☒ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

1. Claim 40 is objected to because of the following informalities: "a identity " should be "an identity". Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-31,33-37,39 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,430,601 to Eldridge et al.

Art Unit: 2141

- As per claim 1, Eldridge et al teaches a method in a system for selection and presentation of information, comprising the steps of: receiving a presentation unit specification at a handheld device via a short-range wireless connection from a communication device for a presentation unit, sending a document address and said presentation unit specification from the handheld device via a network to a device that handles presentation requests, receiving said document address and presentation unit specification at the device that handles presentation requests (See col. 4, lines 25-30), retrieving, at the device that handles presentation requests, the document corresponding to said document address, converting, at the device that handles presentation requests, the retrieved document to a format suitable for the presentation unit (See col. 4, lines 19-21), sending the converted document from the device that handles presentation requests via a network to the communication device for a presentation unit, and receiving said converted document at the communication device for a presentation unit (See col. 5, lines 13-17).
- As per claim 2, Eldridge et al teaches a method wherein said communication device for a presentation unit passes said converted document to a presentation unit connected to said communication device for a presentation unit (See col. 11, lines 36-51).

- As per claim 3, Eldridge et al teaches a method wherein said presentation unit specification at least comprises a presentation address, to which the presentation document can be sent for presentation, and data indicating a format suitable for presentation at the presentation unit (See col. 2, lines 45-48 and col. 11, lines 46-49)
- As per claim 4, Eldridge et al teaches a method wherein the step of converting comprises the steps of: reading the presentation unit specification, and determining the format in which the document is saved, selecting a conversion method in accordance with the contents of the presentation unit specification and the format in which the document is saved, converting the document by means of the selected conversion method (See col. 11, lines 36-41)
- As per claim 5, Eldridge et al teaches a method wherein the presentation address is an e-mail address and wherein the converted document is sent to the presentation unit via an e-mail server (See col. 11, lines 46-50).
- As per claim 6, A system for selection and presentation of information, comprising: a handheld device, enabled to present information retrieved from an information provider on a screen in the handheld device, including: an I/O-interface for short-range wireless communication with a communication device for a presentation unit, means for receiving a presentation unit specification via

said I/O-interface for short-range communication, means for sending a document address to a device that handles presentation requests, and means for sending a received presentation unit specification to a device that handles presentation request(See col. 3, lines 38-44 and col.4 lines 25-30); a device that handles presentation request including means for receiving a document address referring to a document that is to be presented from a handheld device, means for receiving a document address, referring to a document that is to be presented, from a handheld device, means for receiving a presentation unit specification from a handheld device, means for retrieving the document corresponding to the document address, means for converting the retrieved document to a format that is suitable for the presentation unit according to the presentation unit specification, and means for sending the converted document to the presentation address (See col. 4, lines 19-21and lines 40-42; col. 11, lines 36-41); and , a communication device for a presentation unit, including: an I/O-interface for short-range wireless communication with a handheld device, means for sending a presentation unit specification via said I/O-interface for short-range wireless communication, and means for receiving information to be presented by a presentation unit (See col. 5 lines 13-18).

- As per claim 7, Eldridge et al teaches a system wherein said presentation unit specification at least comprises a presentation address, to which the presentation

document can be sent for presentation, and data indicating a format suitable for presentation at the presentation unit (See col. 2, lines 45-48).

- As per claim 8, Eldridge et al teaches a system wherein said means for converting comprises: a plurality of conversion means, and means for selecting one conversion means, of the plurality of conversion means, in accordance with the presentation unit specification (See col. 5 lines 7-10 and col. 11, lines 46-50).
- As per claim 9, Eldridge et al teaches a system wherein said means for converting comprises: means for determining the format of the document, and means for interpretation of the format of the document (See col. 5, lines 5-7 and col. 11, lines 36-41)
- As per claim 10, Eldridge et al teaches a system wherein said communication device for a presentation unit is provided with an I/O interface for communication over a network (See col. 5, lines 13-17).
- As per claim 11, Eldridge et al teaches a system further comprising an e-mail server and wherein the presentation address is an e-mail address (See col. 11, lines 45-50).

- As per claim 12, Eldridge et al teaches a method for a device that handles presentation requests, comprising the steps of: receiving a document address referring to a document that is to be presented, receiving a presentation unit specification, retrieving the document corresponding to the document address (See col. 2, lines 45-48), converting the retrieved document to a format that is suitable for the presentation unit, and sending the converted document (See col. 5, lines 5-7 and lines 13-17).
- As per claim 13, Eldridge et al teaches a method wherein said presentation unit specification at least comprises a presentation address, to which the presentation document can be sent for presentation, and data indicating a format suitable for presentation at the presentation unit (See col. 2, lines 45-48 and col.11 lines 36-41).
- As per claim 14, Eldridge et al teaches a method wherein the document address and the presentation unit specification is received via a network (See col. 3, lines 51-59).
- As per claim 15, Eldridge et al teaches a method wherein the step of converting comprises the steps; of reading the presentation unit specification, determining the format in which the document is saved, selecting a conversion method in accordance with the contents of the presentation unit specification and the format

in which the document is saved, and converting the document by means of the selected conversion method (See col. 2, lines 45-48 and col. 5, lines 5-7)

- As per claim 16, Eldridge et al teaches a method wherein the retrieved document is converted to a format suitable for printing by means of a printer (See col. 11, lines 36-41).
- As per claim 17, Eldridge et al teaches a method wherein the converted document is sent over a network to be presented by means of a presentation unit (See col. 3, lines 28-37).
- As per claim 18, Eldridge et al teaches a method wherein the converted document is sent by e-mail, addressed to the presentation unit (See col. 11, lines 46-49).
- As per claim 19, Eldridge et al teaches a method wherein the converted document is sent to a presentation unit (See col. 5, lines 13-21).
- As per claim 20, Eldridge et al teaches a device that handles presentation requests, comprising: means for receiving a document address referring to a document that is to be presented, means for receiving a presentation unit specification, means for retrieving the document corresponding to the document

address (See col. 2, lines 45-48 and col. 4, lines 40-42), means for converting the retrieved document to a format that is suitable for the presentation unit according to the presentation unit specification, and means for sending the converted document to the presentation unit (See col. 11, lines 46-51 and col. 5, lines 13-18).

- As per claim 21, Eldridge et al teaches a device wherein said presentation unit specification at least comprises a presentation address, to which the presentation document can be sent for presentation, and data indicating a format suitable for presentation at the presentation unit (See col. 5, lines 5-7 and col. 11, lines 46-51).
- As per claim 22, Eldridge et al teaches a device wherein said means for receiving a document address and said means for receiving a presentation unit specification are arranged for receiving the address and the specification over a network (See col. 3, lines 51-59).
- As per claim 23, Eldridge et al a device wherein said means for converting comprises: a plurality of conversion means, and means for selecting one conversion means, of the plurality of conversion means, in accordance with the presentation unit specification (See col. 11, lines 36-51).

- As per claim 24, Eldridge et al teaches a device wherein said means for converting further comprises: means for determining the format of the document, and means for interpretation of the format of the document (See col. 11, lines 36-41).
- As per claim 25, Eldridge et al teaches a device wherein said means for receiving the document address and said means for receiving a presentation unit specification are arranged to receive the data via a network, and said means for sending the converted document is arranged to send the data via a network (See col. 3, lines 51-59).
- As per claim 26, Eldridge et al teaches a computer program product directly loadable into the memory of a digital computer, comprising software code portion for performing the steps of claim 12 when said product is run on a computer (See col. 12, lines 13-16).
- As per claim 27, Eldridge et al teaches a method for a communication device for a presentation unit, said method comprising the steps of: receiving a request of a presentation unit specification, sending, after receiving the request, the requested specification, and receiving, after sending the requested specification, a document for presentation by the presentation unit (See col. 5, lines 13-17).

- As per claim 28, Eldridge et al teaches a method wherein the received request is received over a short-range wireless connection, and wherein the requested specification is sent via a short-range wireless connection (See col. 3, lines 38-50).
- As per claim 29, Eldridge et al teaches a method according to claim 27, wherein the received document is received via a network (See col. 3, lines 38-37).
- As per claim 30, Eldridge et al teaches a method further comprising the step of making the presentation unit present the received document (See col. 11, lines 46-49).
- As per claim 31, Eldridge et al teaches a method wherein the step of making the presentation unit present the received document comprises passing the document to a printout process in a printer (See col. 11, lines 41-46).
- As per claim 33, Eldridge et al teaches a communication device for a presentation unit, comprising: an I/O-interface for short-range wireless communication (See col. 10, lines 19-22), means for receiving a request regarding a presentation unit specification via said I/O-interface for short-range wireless communication means for sending the presentation unit specification, means for receiving information to be presented by a presentation unit, and

means for making the presentation unit present the received information (See col. 11, lines 41-49).

- As per claim 34, Eldridge et al teaches a device further comprising an I/O interface for a network connection (See col. 3, lines 51-59).
- As per claim 35, Eldridge et al teaches a device wherein the presentation unit is a printer (See col. 11, lines 41-46).
- As per claim 36, Eldridge et al teaches a method for a handheld device, enabled to present information retrieved from an information provider on a display in the handheld device, for presenting information on a presentation unit separate from the handheld unit, said method comprising the steps of receiving a presentation unit specification via a short-range wireless connection from a communication device for the presentation unit (See col. 3, lines 38-44), sending an address of a selected information document to a device handling presentation requests, and sending the presentation unit specification to the device handling presentation requests (See col. 4, lines 25-30 and col. 5, lines 13-18).
- As per claim 37, Eldridge et al teaches a method further comprising the step of requesting a presentation unit specification via the short-range wireless

connection as a response to a selection of a presentation unit (See col. 8, lines 25-30).

- As per claim 39, Eldridge et al teaches a handheld device, enabled to present information retrieved from an information provider on a display in the handheld device, for presenting information on a presentation unit separate from the handheld unit, the handheld device comprising: an I/O-interface for short-range communication, means for receiving a presentation unit specification via said I/O-interface for short range communication (See col. 3, lines 38-44), means for selecting the information accessible from the information provider to be presented on the presentation unit, means for sending a request for presenting the information on the presentation unit, and means for sending the presentation unit specification (See col. 4, lines 25-30).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 32 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,430,601 to Eldridge et al in view of U.S. Patent No. 6,400,810 to Skladman et al.

- As per claim 32, Eldridge et al discloses the claimed limitation describes above.

However, Eldridge et al does not explicitly teaches the step of checking a mailbox for presentation documents at predetermined time intervals.

Skladman et al teaches a method and system for selective notification of e-mail messages. Furthermore, Skladman et al teaches the step of checking a mailbox for e-mail messages at predetermined time intervals (See col. 3, lines 39-43).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the step of checking a mailbox for presentation documents at predetermined time intervals in order to indicate the arrival of new presentation documents and facilitate the timely delivery of the presentation documents. (See col. 3, lines 37-43).

6. Claims 38 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,430,601 to Eldridge et al in view of U.S. Patent No. 6,141,688 to Bi et al.

- As per claim 38, Eldridge et al teaches the claimed limitation as described above.

However, Eldridge et al fails to teach the step of broadcasting an identity request

via the short-range wireless connection for identification of presentation units nearby.

Bi et al teaches a method to broadcast search for available host. Furthermore, Bi et al teaches the step of broadcasting an identity request via the short-range wireless connection for identification of presentation units nearby (See col. 2, lines 15-18 and col. 49, lines 33-41).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the step of broadcasting an identity request via the short-range wireless connection for identification of presentation units nearby in order to identify the host or presentation units available on the network (See col. 49, lines 33-41).

- As per claim 40, Eldridge et al teaches all the claimed limitations as described above. However, Eldridge et al fails to teach that the handheld device further comprises means for broadcasting an identity request via said I/O interface for short-range communication.

Bi et al teaches a method to broadcast search for available host. Furthermore, Bi et al teaches that the handheld device further comprises means for broadcasting an identity via said I/O interface for short-range communication (See col. 2, lines 15-18 and col. 49, lines 33-41).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate means for broadcasting an identity request via

I/O interface for short-range communication in order to identify the host or presentation units available on the network (See col. 49, lines 33-41).

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent No. 6,557,029 to Szymansky teaches a system and method for distributing messages across a wired and wireless network.

U.S. Patent No. 6,249,809 to Bro teaches an automated and interactive telecommunications system to produce and send information across a network.

U.S. Patent No. 6,438,585 to Mousseau et al teaches a system and method for redirecting message attachments between a host system and a mobile data communication device.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Djenane M Bayard whose telephone number is (703) 305-6606. The examiner can normally be reached on 7:00 AM-4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharra can be reached on (703) 305-4003. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Djenane Bayard

October 8, 2003

A handwritten signature in black ink, appearing to read 'Rupal Dharia', written in a cursive style.

RUPAL DHARIA
SUPERVISORY PATENT EXAMINER